

Kindly amend the claims as follows:

12. (Amended) Nucleic acid probes having specific binding affinity for at least a part of a gene or nucleic acid derivative thereof having at least [in part] 15 contiguous nucleotides of or at least 30 contiguous nucleotides with at least 60% homology of the following sequence:

GTCTACATGGGTGCTTCCCATTCCAGGGATGAGCTACCTGGAGGATGTGCGGCTCGTACACAGG
GACTTGGCCGCTCGAACGTGCTGGTCAAGAGTCCCACCATGTCAAAATTACAGACTTCGGGCT
GGCTCGGCTGCTGGACATTGACGAGACAGAGTACCATGCAGATGGGGCAAGGTTAGGTGAAGGA
CCAAGGAGCGAGGAGGCTGGGTGGAGTGGTGTCTAGCCCATGGAGAACTCTGAGTGGCACCTC
CCCACAAACACACAGTTGGAGGACTTCCTCTGCCCTCCAGGTGCCCATCAAGTGGATGGCGC
TGGAGTCCATTCTCCGCCGGCTCACCCACCAGAGTGATGTGGAGTTATGGTGTGATGG
GGGGTGTGGAGGGTGGGTGAGGAGCCATGG.

Claim 13, line 11, before "specific" insert --at least one--, change "probes" to --probe--;

line 12, change "probes" to --probe--.

Claim 14, lines 13 to 16, delete "; or

(b) detecting abnormal expression of the protein product of the gene by reacting a body sample of a human suspected of said cancer with antibodies of claim 5".

16. (Amended) [An amino acid sequence] A nucleotide sequence of the formula:

GTCTACATGGGTGCTCCATTCCAGGGATGAGCTACCTGGAGGATGTGCGGCTCGTACACAGG
GACTTGGCCGCTCGGAACGTGCTGGTCAAGAGTCCCACCATGTCAAAATTACAGACTTCGGGCT
GGCTCGGCTGCTGGACATTGACGAGACAGAGTACCATGCAGATGGGGCAAGGTTAGGTGAAGGA
CCAAGGAGCGAGGAGGCTGGGTGGAGTGGTGTCTAGGCCATGGGAGAACTCTGAGTGGCACCTC
CCCACAAACACACAGTTGGAGGACTTCCTCTTCTGCCCTCCCAGGTGCCCATCAAGTGGATGGCGC
TGGAGTCCATTCTCCGCCGGCGGTTCACCCACCAGAGTGATGTGTGGAGTTATGGTGTGTGATGG
GGGGTGTGGAGGGTGGGTGAGGAGCCATGG

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a fragment consisting of at least 15 contiguous nucleotides or at least 30 contiguous nucleotides with at least 60% homology to said sequence thereof or a complimentary DNA (cDNA) homologous to a messenger RNA fragment encoded by a gene having said DNA sequence.

Claim 21, line 1, delete "a".

Kindly add new claim 33.

--33. A cell that contains the vector according to

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claim 18.